



Green Aviation



SimLabs, as part of NASA's Green Aviation Initiative, is involved in the research and development of promising vehicle concepts and technologies that will simultaneously reduce fuel burn, noise, and emissions. Our unique capabilities allow for the safe and cost-effective testing of new technologies and Air Traffic Management processes to improve fuel efficiency and reduce environmental impact. Visit www.simlabs.arc.nasa.gov for more information.

Green Aviation @ Sim Labs

SimLabs features a suite of state-of-the-art simulation facilities with unparalleled capabilities. FutureFlight Central (FFC), the Vertical Motion Simulator (VMS), and the Crew-Vehicle Systems Research Facility (CVSRF) are uniquely equipped, and completely customizable, for conducting studies to advance Green Aviation efforts. Our SimLabs experiments of today help make carbon-neutral global air transportation a reality tomorrow.

Capabilities + Connectivity

Today's ever-increasing demand for air and space transportation brings new global challenges as we aspire towards future sustainability in the aviation industry. To meet these challenges, SimLabs connects the greatest minds in the real world with the latest technology in a virtual world. Our simulation facilities can be connected through High Level Architecture to any other system in the world...and beyond!

www.nasa.gov

Ask us to connect today.